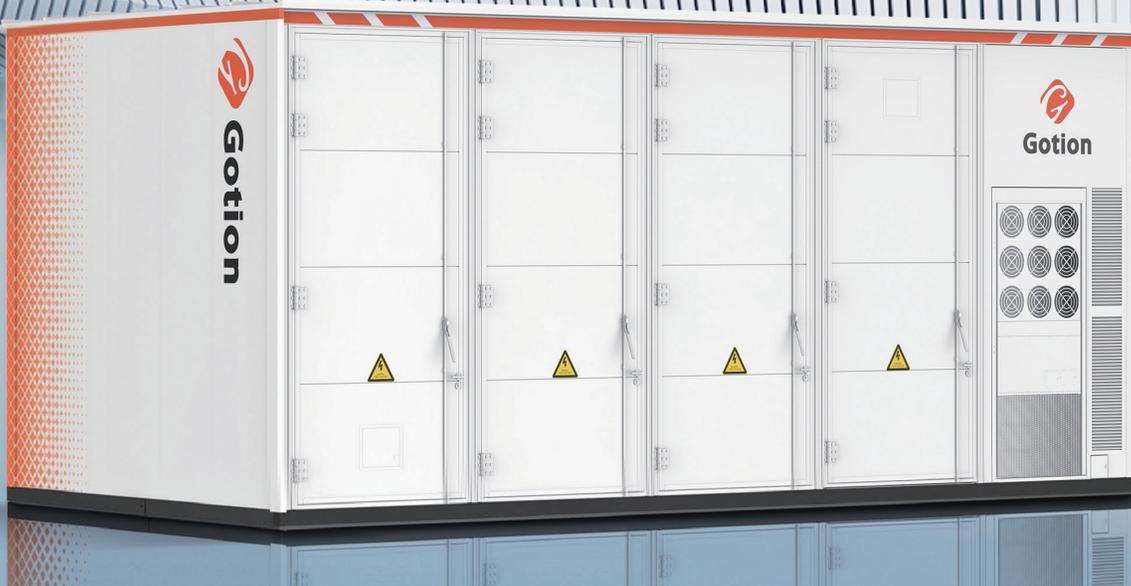


Gotion GRID 20MWh



World's First 20MWh PV Storage with 25-Year Lifespan

50%

AI-driven O&M boosts efficiency by 50 %

7

Ultimate protection with seven safety layers

20%

Air-liquid cooling cuts annual energy use by 20 %

IP55/C5

Full-area enclosure, IP55 & C5 rated

38%

Compact layout saves 38 % of land

Product Strengths



Extended Lifespan

- Full lifecycle optimization design
- 25-year design lifespan



Ultimate Safety

- Seven-layer protection plus IP55 / C5 certification
- Reliable operation in extreme environments



Cost Reduction

- Ultra-large single-cabinet design delivers higher energy density
- Air-liquid cooling trims annual energy consumption by 20 %
- Optimized ESS layout reduces land use by 38 %



Smart Operation

- Multilingual intelligent control platform improves O&M efficiency
- Modular integration solution shortens construction cycles

Model**Gotion GRID 20MWh****Electrical Parameters**

Cell capacity	LFP-314Ah
Nominal Energy	20.06MWh
Nominal Voltage	1331.2V

Environmental Parameters

Operating Temperature	-30°C~55°C
Altitude Rating	≤3000m

Structural Parameters

Ingress Protection Rating (IP Rating)	IP55
Cooling Method	Liquid-Cooling
Fire Suppression System	<ul style="list-style-type: none">• Pack-level immersion suppression• Total-flooding gas extinguishing• Water spray protection
China Compliance	GB/T 36276
US Compliance	UL 1973*, UL 9540*
EU Compliance	IEC 61000*, IEC 62477-1*
Dimensions (W×D×H)	5000×10000×4600mm
Weight	≈170t

* Certification in progress